



Replacement Sheet  
FIGURE 1A

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*      +
SEQ ID NO:11 MSSTQDYIGE-----
SEQ ID NO:02 MLLTKPYLSNLLPVPSPPPSGPTLSSNHSPLAAPTCTCR-RSRLRISATSTAAPSPSSAA
SEQ ID NO:04 MLLAKPHLSSSSF-LPSTRVSSPAPGNHAKPIAASPAP-RRCLRLAVTSAAPAAASSAE
SEQ ID NO:06 MMAG---AAKTLTNLCPSFPFTKPNQQLTTSFAFPSTRLRHRAISAVANAAQPPPLAA
SEQ ID NO:08 MLLTKPH---PALTLPSASLPNPNLKAARVRPLASSAPHGRRGLRV---SASSSSLAPAQ
SEQ ID NO:12 MXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1
60
+      +
SEQ ID NO:11 ---EAATRVKILSEALPYIQHAFAGRTVVVKYGGAAAMKDSNLKDKVIRDIVFMASVGIRPV
SEQ ID NO:02 AATASLSRVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLRPV
SEQ ID NO:04 AA-AALS RVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLHPV
SEQ ID NO:06 TATEGQYRVDVLSESLPFIQKFRGKTIVVKYGGAAAMKSPELQASVINDLVLLSCVGLRPV
SEQ ID NO:08 AASAA LNRVDVLSEALPFIQRFKGTVVVKYGGAAAMKSPELQASVIRDLVLLSCVGLRPV
SEQ ID NO:12 XAXXXXXRVDVLSEXL PFIQFXGKTXXVVKYGGAAAMKSPELQASVIXDLVLLSCVGLXPV
61
+      +      +      +      +      +      +      +      +      +      +      +      +      +      +      +
SEQ ID NO:11 VVHGGGPEINTWLDKVGIEPQFKDGLRVTDAATMDIVEMVLVGRVNKELVNLINQAGGKA
SEQ ID NO:02 LVHGGGPEINSWLLRVGVEPQFRDGLRVTDALTM EVVEMVLVGKVNKNLVSLINIAGGTA
SEQ ID NO:04 LVHGGGPEINSWLLRVGVEPQFRNGLRVTDALNMEVEMVLVRKVNKELLSLIKLPGCSA
SEQ ID NO:06 LVHGGGPEINSWLGRLNIPAVFRDGLRVTADTMEIVSMVLVGKVNKTLVSLINKAGATA
SEQ ID NO:08 LVHGGGPEINSWLQRVGVXPQFRNGLRVTXXXXXXXXXXXXXXXXXXXXKQLSLIRPAGTTA
SEQ ID NO:12 LVHGGGPEINSWLXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRXRX
121
180
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Replacement Sheet  
FIGURE 1B

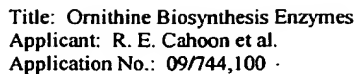
SEQ ID NO:11 \* + \*\* + + \*\* \* + \*\* + + \*\* + \* \*\* +  
VGLCGKDGQMLTARTMTN-KDVGFGVEVSSVDARVVETLVKSGYIPVISSVAADFCQAH  
SEQ ID NO:02 IGLCGKDARLITARPSPNAAALGFVGEVSRVDATVLHPHIIAAGHIPVIATVAADETGQAY  
SEQ ID NO:04 VSLCWKEARLLNERPSPXKGLRFVGGVWRVDATVLHPHIIASGHIPVIATVGADETGQAY  
SEQ ID NO:06 VGLSGMDGRLLTARPAPKAADLGYVGEVARVDPVAVLSLIDTSHIPVVTVAADESGQPY  
SEQ ID NO:08 VGLCRKDGRIILTERPSPDAAALGFVGEVTRKNPSVLHPHIIASSHIPVIATVAADETGQAY  
SEQ ID NO:12 XXLXXXXXXXXRPPXXXXXXXXXXVXVXRXRXVXXIXXHIPVXXXXXVXADEXGXXY  
181 240

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NINADTCAGELAAALGAEKLLITDTRGILRDYKDPSTLIHKLDIQARELIGSIVAGG  
SEQ ID NO:11 NINADTAAGEIAAAVGAEKLLLLTVDVSGILADRNPDGSLVKVVDIAGVRKMVADGKVAGG  
SEQ ID NO:02 NINADTAAGEIAAAVGAEKLLLLTVDVSGILADRNPDGSLVKEIDIAGVRQMVADGQVAGG  
SEQ ID NO:04 NINADTVAGELAAALGAEKLLITDVAAGILEDRNDPDSLKKIDIKGVKKMEDGKVGGG  
SEQ ID NO:06 NINADTAAGEIAAAI GAEKLLLLITDVSIGILADRDGSLVKEIDIAGVRRMVAEGKVGGG  
SEQ ID NO:08 NINADTXAGEXAAXXGAEKLLXLTVDVXGILXDRXDPXSLVKKXXDIXGVRXMXXXGXVXGG  
241 300

\*\*\*\*\* \*\* \*\*\*\*\* + \*\* + \*\* + \*\* + \*\* + \*\* + \*\* +  
MIPKVTCCVRSLAQGVRAAHILDGRLPHALLLEVFDTLIGSMIVASGYDL  
SEQ ID NO:11 MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:02 MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:04 MIPKVECCVHALAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:06 MIPKVNCCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGAGTMITG-----  
SEQ ID NO:08 MIPKVGCCVRSLAQGVHTASIIDGRVPHSLLLEILTDEGTGTMITG-----  
SEQ ID NO:12 MIPKVXCCVXXLAQGVHTASILDGRVPHSLLLEILTDEGXGTMITG-----  
301 351







**Annotated Sheet Showing Changes**

[illegible][illegible]

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*****  ***  *****  ++++++  ++++++  ++++++  ++++++  ++++++  ++++++
SEQ ID NO: 11  MIPKVTCCVRSLAQGVRAAHILDGRPLPHALLLEVFTDLGIGSMIVASGYDL
SEQ ID NO: 02  MIPKVECCVHALAQGVHTASIIDGRVPHSLLEILTDEGTGMTG-----
SEQ ID NO: 04  MIPKVECCVRALAQGVHTASIIDGRVPHSLLEILTDEGTGMTG-----
SEQ ID NO: 06  MIPKVNCCVRSLAQGVITASIIDGRVPHSLLEILTDEGAGTMITG-----
SEQ ID NO: 08  MIPKVGCCVRALAQGVHTASIIDGRVPHSLLEILTDEGTGMTG-----
SEQ ID NO: 12  MIPKVXCVCXXLAQGVXXTASIIDGRVPHSLLEILTDEGXGMTIG-----
301 351

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